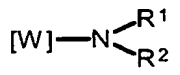
CLAIMS

1. Use of a compound having the general formula (A):



(A)

in which:

- W is a residue which imparts antagonistic and/or agonistic activity at histamine H_3-receptors when attached to an imidazole ring in 4(5)-position;
- R^1 and R^2 may be identical or different and represent each independently
  - a lower alkyl or cycloalkyl,

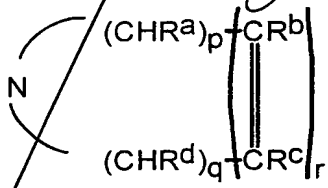
or taken together with the nitrogen atom to which they are attached,

- a saturated nitrogen-containing ring

i) 

with m ranging from 2 to 8, or

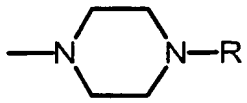
- a non-aromatic unsaturated nitrogen-containing ring

ii) 

with p and q being from 0 to 3 independently and r being from 0 to 4, provided that p and q are not simulteously 0 and $2 \leq p + q + r \leq 8$,

R^{a-d} being independently a hydrogen atom or a lower alkyl, cycloalkyl, or carboalkoxy group, or

- a morpholino group, or
- a N-substituted piperazino group:



with R being a lower alkyl, cycloalkyl, carboalkoxy, aryl, arylalkyl, an alkanoyl or aroyl group,

as well as their pharmaceutically acceptable salts, their hydrates, their hydrated salts, the polymorphic crystalline structures of these compounds and their

optical isomers, racemates, diastereoisomers and enantiomers, for the preparation of a medicament acting as a ligand of the histamine H_3-receptors.

2. Use according to claim 1, in which R^1 and R^2 are independently a lower alkyl group.

3. Use according to claim 2, in which R^1 and R^2 are each an ethyl group.

4. Use according to claim 1, in which $-NR^1R^2$ is a saturated nitrogen-containing ring:

i) 

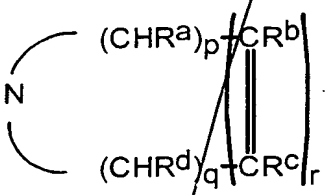
m being as defined in claim 1.

5. Use according to claim 4, characterized in that m is 4, 5 or 6.

6. Use according to claim 5, characterized in that $-NR^1R^2$ represents a piperidyl group.

7. Use according to claim 5, characterized in that $-NR^1R^2$ represents a pyrrolidinyl group.

8. Use according to claim 1, characterized in that $-NR^1R^2$ is a non-aromatic unsaturated nitrogen-containing ring:

ii) 

R^{a-d} and p, q and r being as defined in claim 1.

9. Use according to claim 8, characterized in that p, q and r are 1 or 2, more preferably p is 2 and q and r are 1.

10. Use according to anyone of claims 4 to 9, characterized in that R^{a-d} represents each an hydrogen atom.

11. Use according to anyone of claim 4 to 9, characterized in that the nitrogen-containing ring i) or ii) is substituted, preferably mono- or di-substituted, more preferably mono-substituted, with an alkyl group.

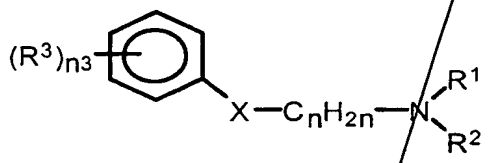
12. Use according to claim 11, characterized in that the nitrogen-containing ring is mono-substituted with a methyl group.

13. Use according to anyone of claims 11 and 12, characterized in that the substituent(s) is(are) in meta-position with respect to the nitrogen atom.

14. Use according to claim 1, characterized in that $-NR^1R^2$ is a morpholino group.

15. Use according to claim 1, characterized in that $-NR^1R^2$ is a N-substituted piperazino group, preferably N-acetylpiperazino.

16. Use according to anyone of claims 1 to 15, of general formula (I):



(I)

in which:

- C_nH_2n is a linear or branched hydrocarbon chain with n ranging from 2 to 8;
- X is an oxygen or sulfur atom;
- R^1 and R^2 are as defined in claim 1;
- n_3 is an integer from 0 to 5 ; and
- R^3 represents each independently
  - a halogen atom,
  - a lower alkyl or cycloalkyl, a trifluoromethyl, aryl, alkoxy, α-alkyloxyalkyl, aryloxy, nitro, formyl, alkanoyl, aroyl, arylalkanoyl, amino, carboxamido, cyano, alkyloximino, aryloximino, alkylalkoximino, α-hydroxyalkyl, alkenyl, alkynyl, sulphamido, sulfamoyl, sulphonamido, carboxamide, carbonylcycloalkyl, alkylcarbonylalkyl, carboalkoxy, arylalkyl or oxime group,
  - or taken together with the carbon atoms of the phenyl ring to which it is fused, a 5- or 6-membered saturated or unsaturated ring or a benzene ring.

17. Use according to claim 16, characterized in that n_3 is zero.

18. Use according to anyone of claims 16 and 17, characterized in that n_3 is 1 with R^3 being as defined in claim 1 and preferably in para-position.

19. Use according to anyone of claims 16 and 18, characterized in that R^3 is a lower alkyl, preferably a C_1-C_4 alkyl.

20. Use according to anyone of claims 16 and 18, characterized in that R^3 is a halogen atom, a cyano, nitro, alkanoyl, alkyloximino or hydroxyalkyl, preferably CN, NO_2, $COCH_3$, COC_2H_5, H_3C-C=N-OH or H_3C-CHOH or cycloalkyl-CO.

21. Use according to claim 16, characterized in that R^3 taken together with the carbon atoms of the phenyl group to which it is fused, form a 5- or 6- membered saturated or unsaturated ring, in particular a 5,6,7,8-tetrahydronaphthyl group.

22. Use according to claim 16, characterized in that R^3 taken together with the phenyl group to which it is fused, form a naphthyl group.

23. Use according to anyone of claims 16 to 22, characterized in that $-C_nH_{2n}-$ is a linear hydrocarbon chain $-(CH_2)_n-$, n being as defined in claim 16.

24. Use according to anyone of claims 16 to 23, characterized in that X is an oxygen atom.

25. Use according to anyone of claims 16 to 23, characterized in that X is a sulfur atom.

26. Use according to anyone of claims 16 to 25, characterized in that n is varying from 3 to 5 and is preferably 3.

27. Use according to anyone of claims 16 to 26, characterized in that it is one of the following compounds:

1-(5-phenoxypentyl)-piperidine
1-(5-phenoxypentyl)-pyrrolidine
N-methyl-N-(5-phenoxypentyl)-ethylamine
1-(5-phenoxypentyl)-morpholine
N-(5-phenoxypentyl)-hexamethyleneimine
N-ethyl-N-(5-phenoxypentyl)-propylamine
1-(5-phenoxypentyl)-2-methyl-piperidine
1-[3-(4-cyclopropanecarbonylphenoxy) propyl]-piperidine

1-[3-(4-acetylphenoxy)-2-R-methylpropyl] piperidine
1-[3-(4-cyanophenoxy)propyl]-4-methylpiperidine
1-[3-(4-cyanophenoxy)propyl]-3-methylpiperidine
1-[3-(4-acetylphenoxy)-2-S-methylpropyl] piperidine
1-{3-[4-(3-oxobutyl)phenoxy] propyl}piperidine
1-[3-(4-cyano-3-fluorophenoxy)propyl] piperidine
1-[3-(4-nitrophenoxy)propyl]-3-methylpiperidine
1-[3-(4-cyanophenoxy)propyl]-2-methylpiperidine
1-[3-(4-nitrophenoxy)propyl]-2-methylpiperidine
1-[3-(4-nitrophenoxy)propyl]-4-methylpiperidine
1-[3-(4-cyanophenoxy)propyl]-2,6-dimethylpiperidine
1-[3-(4-propionylphenoxy)propyl]-3-methylpiperidine
1-[3-(4-cyclobutanecarbonylphenoxy)propyl] piperidine
1-[3-(4-cyclopentanecarbonylphenoxy) propyl]piperidine
1-[3-(4-cyanophenoxy)propyl]-cis-2-methyl-5-ethylpiperidine
1-[3-(4-cyanophenoxy)propyl]-trans-2-methyl-5-ethylpiperidine
1-[3-(4-cyanophenoxy)propyl]-cis-3,5-dimethylpiperidine
1-[3-(4-propionylphenoxy)propyl]-4-methylpiperidine
1-[3-(4-propionylphenoxy)propyl]-2-methylpiperidine
1-{3-[4-(1-hydroxypropyl)phenoxy]propyl}-3-methylpiperidine
1-{3-[4-(1-hydroxypropyl)phenoxy]propyl}-4-methylpiperidine
1-[3-(4-propionylphenoxy)propyl]-2-methylpiperidine
1-[3-(4-propionylphenoxy)propyl]-4-methylpiperidine methoxime
1-[3-(4-cyanophenoxy)propyl]-trans-3,5-dimethylpiperidine
1-[3-(4-cyclopropyl carbonyl phenoxy) propyl] -trans-3,5 -dimethylpiperidine
1-[3-(4-cyclopropyl carbonyl phenoxy) propyl] -cis-3,5 -dimethylpiperidine
1-[3-(4-carbomethoxyphenoxy)propyl] piperidine
1-[3-(4-propenylphenoxy)propyl]-2-methyl piperidine
1-[3-(4-propionylphenoxy)propyl]-2-methylpiperidine
1-{3-[4-(1-ethoxypropyl)phenoxy]propyl}-2-methyl piperidine
1-[3-(4-propionylphenoxy)propyl]-4-methylpiperidine

1-[3-(4-bromophenoxy)propyl]piperidine
1-[3-(4-nitrophenoxy)propyl]piperidine
1-[3-(4-N,N-dimethylsulfonamidophenoxy) propyl]piperidine
1-[3-(4-isopropylphenoxy)propyl]piperidine
1-[3-(4-sec-butylphenoxy)propyl]piperidine
1-[3-(4-propylphenoxy)propyl]piperidine
1-[3-(4-ethylphenoxy)propyl]piperidine
1-(5-phenoxypentyl)-4-propyl-piperidine
1-(5-phenoxypentyl)-4-methyl-piperidine
1-(5-phenoxypentyl)-3-methyl-piperidine
1-acetyl-4-(5-phenoxypentyl)-piperazine
1-(5-phenoxypentyl)-3,5-trans-dimethyl-piperidine
1-(5-phenoxypentyl)-3,5-cis-dimethyl-piperidine
1-(5-phenoxypentyl)-2,6-cis-dimethyl-piperidine
4-carboethoxy-1-(5-phenoxypentyl)-piperidine
3-carboethoxy-1-(5-phenoxypentyl)-piperidine
1-(5-phenoxypentyl)-1,2,3,6-tetrahydropyridine
1-[5-(4-nitrophenoxy)-pentyl]-pyrrolidine
1-[5-(4-chlorophenoxy)-pentyl]-pyrrolidine
1-[5-(4-methoxyphenoxy)-pentyl]-pyrrolidine
1-[5-(4-methylphenoxy)-pentyl]-pyrrolidine
1-[5-(4-cyanophenoxy)-pentyl]-pyrrolidine
1-[5-(2-naphthyloxy)-pentyl]-pyrrolidine
1-[5-(1-naphthyloxy)-pentyl]-pyrrolidine
1-[5-(3-chlorophenoxy)-pentyl]-pyrrolidine
1-[5-(4-phenylphenoxy)-pentyl]-pyrrolidine
1-{5-[2-(5,6,7,8-tetrahydronaphthyl)-oxy]-pentyl}-pyrrolidine
1-[5-(3-phenylphenoxy)-pentyl]-pyrrolidine
1-(5-phenoxypentyl)-2,5-dihydropyrrole
1-{5-[1-(5,6,7,8-tetrahydronaphthyl)-oxy]-pentyl}-pyrrolidine
1-(4-phenoxybutyl)-pyrrolidine
1-(6-phenoxyhexyl)-pyrrolidine
1-(5-phenylthiopentyl)-pyrrolidine

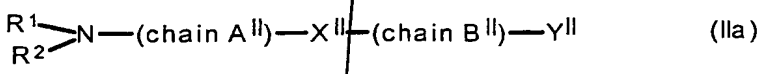
1-(4-phenylthiobutyl)-pyrrolidine
1-(3-phenoxypropyl)-pyrrolidine
1-[5-(3-nitrophenoxy)-pentyl]-pyrrolidine
1-[5-(4-fluorophenoxy)-pentyl]-pyrrolidine
1-[5-(4-nitrophenoxy)-pentyl]-3-methyl-piperidine
1-[5-(4-acetylphenoxy)-pentyl]-pyrrolidine
1-[5-(4-aminophenoxy)-pentyl]-pyrrolidine
1-[5-(3-cyanophenoxy)-pentyl]-pyrrolidine
N-[3-(4-nitrophenoxy)-propyl]-diethylamine
N-[3-(4-cyanophenoxy)-propyl]-diethylamine
1-[5-(4-benzoylphenoxy)-pentyl]-pyrrolidine
1-{5-[4-(phenylacetyl)-phenoxy]-pentyl}-pyrrolidine
N-[3-(4-acetylphenoxy)-propyl]-diethylamine
1-[5-(4-acetamidophenoxy)-pentyl]-pyrrolidine
1-[5-(4-phenoxyphenoxy)-pentyl]-pyrrolidine
1-[5-(4-N-benzamidophenoxy)-pentyl]-pyrrolidine
1-{5-[4-(1-hydroxyethyl)-phenoxy]-pentyl}-pyrrolidine
1-[5-(4-cyanophenoxy)-pentyl]-diethylamine
1-[5-(4-cyanophenoxy)-pentyl]-piperidine
N-[5-(4-cyanophenoxy)-pentyl]-dimethylamine
N-[2-(4-cyanophenoxy)-ethyl]-diethylamine
N-[3-(4-cyanophenoxy)-propyl]-dimethylamine
N-[4-(4-cyanophenoxy)-butyl]-diethylamine
N-[5-(4-cyanophenoxy)-pentyl]-dipropylamine
1-[3-(4-cyanophenoxy)-propyl]-pyrrolidine
1-[3-(4-cyanophenoxy)-propyl]-piperidine
N-[3-(4-cyanophenoxy)-propyl]-hexamethyleneimine
N-[6-(4-cyanophenoxy)-hexyl]-diethylamine
N-[3-(4-cyanophenoxy)-propyl]-dipropylamine
N-3-[4-(1-hydroxyethyl)-phenoxy]-propyl-diethylamine
4-(3-diethylaminopropoxy)-acetophenone-oxime
1-[3-(4-acetylphenoxy)-propyl]-piperidine
1-[3-(4-acetylphenoxy)-propyl]-3-methyl-piperidine

1-[3-(4-acetylphenoxy)-propyl]-3,5-trans-dimethyl-piperidine
1-[3-(4-acetylphenoxy)-propyl]-4-methyl-piperidine
1-[3-(4-propionylphenoxy)-propyl]-piperidine
1-[3-(4-acetylphenoxy)-propyl]-3,5-cis-dimethyl-piperidine
1-[3-(4-formylphenoxy)-propyl]-piperidine
1-[3-(4-isobutyrylphenoxy)-propyl]-piperidine
N-[3-(4-propionylphenoxy)-propyl]-diethylamine
1-[3-(4-butyrylphenoxy)-propyl]-piperidine
1-[3-(4-acetylphenoxy)-propyl]-1,2,3,6-tetrahydropyridine.

28. Use according to ~~anyone of claims 16 to 27~~, characterized in that it is one of the following compounds :

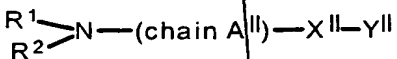
1-[5-(4-nitrophenoxy)-pentyl]-pyrrolidine
1-{5-[4-(1-hydroxyethyl)-phenoxy]-pentyl}-pyrrolidine
1-[3-(4-cyanophenoxy)-propyl]-piperidine
N-[3-(4-cyanophenoxy)-propyl]-hexamethyleneimine
N-3-[4-(1-hydroxyethyl)-phenoxy]-propyl-diethylamine
4-(3-diethylaminopropoxy)-acetophenone-oxime
1-[3-(4-acetylphenoxy)-propyl]-3-methyl-piperidine
1-[3-(4-acetylphenoxy)-propyl]-4-methyl-piperidine
1-[3-(4-propionylphenoxy)-propyl]-piperidine
N-[3-(4-cyanophenoxy)-propyl]-diethylamine
N-[3-(4-acetylphenoxy)-propyl]-diethylamine
N-[4-(4-cyanophenoxy)-butyl]-diethylamine.

29. Use according to ~~anyone of claims 1 to 15~~, having the following general formula (IIa) and (IIb):



(IIa)

or



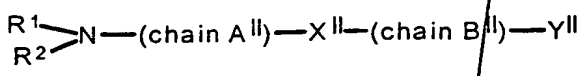
(IIb)

in which

R^1 and R^2 are as defined with reference to general formula (A) ~~in claim 1;~~ previous

- the chain A^{II} represents a saturated or unsaturated, straight or branched hydrocarbon chain containing 1 to 6 carbon atoms, it being possible for the saturated hydrocarbon chain to be interrupted by a hetero atom such as a sulphur atom;
- X^{II} represents an oxygen or sulphur atom, -NH-, -NHCO-, -N(alkyl)CO-, -NHCONH-, -NH-CS-NH-, -NHCS-, -O-CO-, -CO-O-, -OCONH-, -OCON(alkyl)-, -OCON(alkene), -OCONH-CO-, -CONH-, -CON(alkyl)-, -SO-, -CO-, -CHOH-, -N(saturated or unsaturated alkyl), -S-C(=NY")-NH-Y"- with the Y" identical or different, as defined previsouly, or $-NR_{II}-C(=NR"_{II})-NR'_{II}-$, R_{II} and R'_{II} denoting a hydrogen atom or a lower alkyl radical and $R"_{II}$ a hydrogen atom or another powerful electronegative group, such as a cyano or COY_1^{II} group, Y_1^{II} denoting an alkoxy group;
- the chain B^{II} represents an aryl, arylalkyl or arylalkanoyl group, a straight alkylene chain $-(CH_2)_{nII}-$, n being an integer which can vary between 1 and 5 or a branched alkylene chain containing from 2 to 8 carbon atoms, the alkylene chain being optionally interrupted by one or a number of oxygen or sulphur atoms, or a group $-(CH_2)_{nII}-O-$ or $-(CH_2)_{nII}-S-$ where n_{II} is an integer equal to 1 or 2;
- Y^{II} represents a straight or branched alkyl group containing 1 to 8 carbon atoms; a cycloalkyl containing 3 to 6 carbon atoms; a bicycloalkyl group; a cycloalkenyl group; an aryl group such as an optionally substituted phenyl group; a 5- or 6-membered heterocyclic radical containing one or two heteroatoms chosen from nitrogen and sulphur atoms, the said heterocyclic radical optionally being substituted; or also a bicyclic radical resulting from the fusion of a benzene ring to a heterocycle as defined above.

30. Use according to ~~anyone of claims 1 to 15~~ claim 1, having the following formula (IIa) and (IIb):



(IIa)

or

(IIb)

in which:

– R^1 and R^2 are as defined with reference to general formula (A) in claim 1;

– the chain A" represents an unbranched, branched or unsaturated alkyl group $-(CH_2)_{nII}-$ where n_{II} is an integer which can vary between 1 and 8 and preferably between 1 and 4; an unbranched or branched alkene group comprising from 1 to 8 carbon atoms and preferably 1 to 4 carbon atoms; an unbranched or branched alkyne group comprising from 1 to 4 carbon atoms;

– the group X^{II} represents -OCONH-; -OCON(alkyl)-; -OCON(alkene)-; -OCO-; -OCSNH-; $-CH_2-$; -O-; $-OCH_2CO-$; -S-; -CO-; -CS-; amine; saturated or unsaturated alkyl;

– the chain B^{II} represents an unbranched, branched or unsaturated lower alkyl comprising from 1 to 8 carbon atoms and preferably 1 to 5 carbon atoms; $-(CH_2)_{nII}$(hetero atom)- where the hetero atom is preferably a sulphur or oxygen atom; n_{II} being an integer which can vary between 1 and 5, preferably between 1 and 4;

– the group Y^I represents a phenyl group, unsubstituted or mono- or polysubstituted with one or more identical or different substituents selected from halogen atoms, OCF_3, CHO, CF_3, $SO_2N(alkyl)_2$ such as $SO_2N(CH_3)_2$, NO_2, S(alkyl), S(aryl), SCH_2(phenyl), an unbranched or branched alkene, an unbranched or branched alkyne optionally substituted with a trialkylsilyl radical, -O(alkyl), -O(aryl), $-CH_2CN$, a ketone, an aldehyde, a sulphone, an acetal, an alcohol, a lower alkyl, -CH=CH-CHO, -C(alkyl)=N-OH, -C(alkyl)=N-O(alkyl) and other keto derivatives, -CH=NOH, -CH=NO(alkyl), and other aldehyde derivatives, $-C(alkyl)=NH-NH-CONH_2$, an O-phenyl or $-OCH_2$(phenyl) group, -C(cycloalkyl)=NOH, -C(cycloalkyl)=N-O(alkyl), an optionally substituted

heterocycle; a heterocycle comprising a sulphur hetero atom; a cycloalkyl; a bicyclic group and preferably a norbornyl group; a phenyl ring fused to a heterocycle comprising a nitrogen hetero atom or to a carbocycle or a heterocycle bearing a keto function; an unbranched or branched lower alkyl comprising from 1 to 8 carbon atoms; an unbranched or branched alkyne comprising from 1 to 8 carbon atoms and preferably 1 to 5 carbon atoms; a linear or branched alkyl mono- or polysubstituted with phenyl groups which are either unsubstituted or mono- or polysubstituted; a phenyl alkyl ketone in which the alkyl group is branched or unbranched or cyclic; a substituted or unsubstituted benzophenone; a substituted or unsubstituted, unbranched or branched or cyclic phenyl alcohol; an unbranched or branched alkene; a piperidyl group; a phenylcycloalkyl group; a polycyclic group, in particular a fluorenyl group, a naphthyl or polyhydronaphthyl group or an indanyl group; a phenol group; a ketone or keto derivative; a diphenyl group; a phenoxyphenyl group; a benzyloxyphenyl group.

31. Use according to claim 29 ~~or 30~~, characterized in that X^{II} is selected from -O-, -NH-, $-CH_2-$, -OCONH-, -NHCO-, -NHCONH- and represents more preferably an oxygen atom.

32. Use according to ~~anyone of claims 29 to 31,~~ characterized in that Y^{II} is selected from a linear or branched alkyl group; a cycloalkyl group, in particular cyclopentyl or cyclohexyl group; a phenyl group unsubstituted or mono-substituted, preferred substituent being halogen atom, in particular chorine; a heterocyclic radical, in particular pyridyl N-oxide or pyrazinyl radicals; a bicyclic radical such as a benzothiazolyl radical, Y^{II} being more preferably a phenyl group unsubstituted or mono-substituted as above-defined.

33. Use according to ~~anyone of claims 29 to 31,~~ characterized in that Y^{II} represents a phenyl group at least mono-substituted with a keto-substituent, in particular a linear or branched chain aliphatic ketone comprising ~~from 1 to 8 carbon atoms~~ and optionnally bearing a hydroxyl group, a cycloalkylketone, an aryl alkyl ketone or arylalkenylketone in which the aryl group is optionally substituted, or a heteroaryl ketone, preferably a cycloalkylketone; an oxime-substituent or an halogen atom.

34. Use according to ~~anyone of claims 29 to 31,~~ characterized in that Y^{II} is a phenyl group at least mono-substituted with -CHO, a ketone, an

aldehyde, -CH=CH-CHO, -C(alkyl)=N-OH, -C(alkyl)=N-O(alkyl) and other keto derivatives, -CH=N-OH, -CH=NO(alkyl) and other aldehyde derivatives, -C(cycloalkyl)=NOH, -C(cycloalkyl)=N-O(alkyl).

35. Use according to ~~anyone of claims 29 to 34,~~ characterized in that chain A^{II} is a chain $-(CH_2)_{nII}-$ with n varying from 1 to 6, preferably from 1 to 4, the chain A^{II} representing especially $-(CH_2)_3-$.

36. Use according to ~~anyone of claims 29 to 35~~, characterized in that the chain B^{II} is $-(CH_2)_2-$ or $-(CH_2)_3-$.

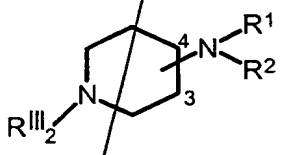
37. Use according to ~~anyone of claims 29 to 36,~~ characterized in that X is an oxygen atom, the chain A represents $-(CH_2)_3-$ and, for compounds of formula (IIa), the chain B represents $-(CH_2)_3-$ also.

38. Use according to ~~anyone of claims 29 to 37,~~ characterized in that it is one of the following compounds:

- 3,3-Dimethylbutyl 3-piperidinopropyl ether
- 3-Phenylpropyl 3-piperidinopropyl ether
- 3-(4-Chlorophenyl)propyl 3-piperidinopropyl ether
- 2-Benzothiazolyl 3-piperidinopropyl ether
- 3-Phenylpropyl 3-(4-methylpiperidino)propyl ether
- 3-Phenylpropyl 3-(3,5-cis-dimethylpiperidino)propyl ether
- 3-Phenylpropyl 3-(3,5-trans-dimethylpiperidino)propyl ether
- 3-Phenylpropyl 3-(3-methylpiperidino)propyl ether
- 3-Phenylpropyl 3-pyrrolidinopropyl ether
- 3-(4-Chlorophenyl)propyl 3-(4-methylpiperidino)propyl ether
- 3-(4-Chlorophenyl) propyl 3-(3,5-cis–dimethyl piperidino) propyl ether
- 3-(4-Chlorophenyl) propyl 3-(3,5-trans-dimethyl piperidino) propyl ether
- 3-Phenylpropyl 3-(N,N-diethylamino)propyl ether
- N-Phenyl-3-piperidinopropyl carbamate
- N-Pentyl-3-piperidinopropyl carbamate

- (S)-(+)-N-[2-(3,3-Dimethyl)butyl]-3-piperidinopropyl carbamate
- 3-Cyclopentyl-N-(3-(1-pyrrolidinyl)propyl)propanamide
- N-Cyclohexyl-N'-(1-pyrrolidinyl-3-propyl)urea
- 2-((2-Piperidinoethyl)amino)benzothiazole
- 5-Piperidinopentylamine
- 2-Nitro-5-(6-piperidinohexyl)pyridine
- 3-Nitro-2-(6-piperidinohexylamino)pyridine
- 2-(6-Piperidinohexylamino)pyrimidine
- N-(6-Phenylhexyl)piperidine
- N-phenyl-N'-(diethylamino-3-propyl)urea
- N-benzyl-N'-(3-piperidinopropyl)guanidine
- N-(3-(N,N-Diethylamino)propyl)N'-phenylurea
- N-Cyclohexylmethyl-N'-(3-piperidinopropyl)guanidine

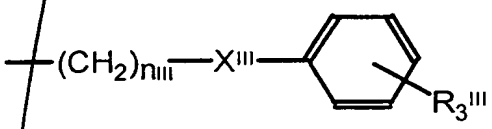
39. Use according to anyone of claims 1 to 15, having the following formula (III)



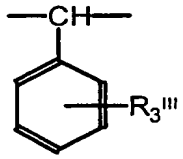
(III)

in which:

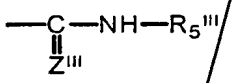
- NR^1R^2 is either in 3-position or in 4-position on the piperidyl moiety, R^1 and R^2 being as defined with reference to formula (A) in claim 1;
- R_2^{III} denotes a linear or branched alkyl group having 1 to 6 carbon atoms; a piperonyl group, a 3-(1-benzimidazolonyl)propyl group; a group of formula



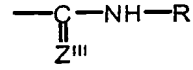
in which n_{III} is 0, 1, 2 or 3, X^{III} is a single bond or alternatively -O-, -S-, -NH-, -CO-, -CH=CH- or



and R_3^{III} is H, CH_3, halogen, CN, CF_3 or an acyl group $-COR_4^{III}$, R_4^{III} being a linear or branched alkyl group having 1 to 6 carbon atoms, a cycloalkyl group having 3 to 6 carbon atoms or a phenyl group which can bear a CH_3 or F substituent; or alternatively a group of formula



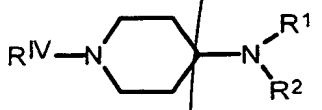
in which Z^{III} denotes an O or S atom or a divalent group NH, N-CH_3 or N-CN and R_5^{III} denotes a linear or branched alkyl group having 1 to 8 carbon atoms, a cycloalkyl group having 3 to 6 carbon atoms which can bear a phenyl substituent, a (C_3-C_6 cycloalkyl) (linear or branched, C_1-C_3 alkyl) group, a phenyl group which can bear a CH_3, halogen or CF_3 substituent, a phenyl(linear or branched, C_1-C_3 alkyl) group or a naphthyl, adamantyl or p-toluenesulphonyl group.

40. Use according to claim 39, characterized in that R^{III} represents the group  , Z^{III} and R^{III}_5 being as defined ~~in claim 39~~, Z^{III} being especially O, S or NH.

41. Use according to claim 40, characterized in that R^{III}_5 is a (C_3-C_6)cycloalkyl group.

42. Use according to ~~anyone of claims 39 to 41~~, which is N'-Cyclohexylthiocarbamoyl-N-1,4'-bipiperidine.

43. Use according to ~~anyone of claims 1 to 15~~, which have the following formula (IV):



(IV)

in which

– R^1 and R^2 are as defined with reference to general formula (A) in claim 1;

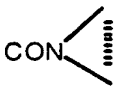
– R^{IV} represents a hydrogen atom or a group COR_3^{IV}, in which R_3^{IV} represents

(a) a linear or branched aliphatic group containing 1 to 11, and in particular 1 to 9, carbon atoms;

(b) a cyclane ring-system such as cyclopropane, phenylcyclopropane, cyclobutane, cyclopentane, cyclohexane, cycloheptane, norbornane, adamantane, noradamantane, chlorooxonorbornane, chloroethylenedioxynorbornane, bromoethylenedioxynorbornane and the anhydride group of hydroxycarboxy-1,2,2-trimethylcyclopentanecarboxylic acid;

(c) a benzene ring, unsubstituted or substituted at the para-position with a linear or branched aliphatic group containing 3 to 5 carbon atoms, as well as with a halogen;

(d) a group $(CH_2)_{mIV}R_4^{IV}$ in which m_{IV} is a number between 1 and 10, and R_4^{IV} represents a cyclane ring system such as cyclopropane, cyclobutane, cyclopentane, cyclopentene, cyclohexane, cycloheptane, norbornane, noradamantane, adamantane and 6,6-dimethylbicyclo[3.1.1] heptene; a benzene ring, unsubstituted or monosubstituted with a fluorine atom, a chlorine atom, a methyl group or a methoxy group; a thiophene ring grafted via its ring-position 2 or its ring-position 3; a carboxylic acid ester group $COOR_5^{IV}$, in which R_5^{IV} is a cyclane ring-system such as cyclopropane, cyclobutane, cyclopentane, cyclohexane or norbornane; a carboxylic acid amide group of structure $CONHR_6^{IV}$, in which R_6^{IV} represents a cyclane ring-system such as cyclopropane, cyclobutane, cyclopentane, cyclohexane or norbornane; a carboxylic acid amide group of structure



in which the group

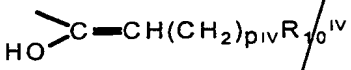
represents pyrrolidine, piperidine or 2,6-dimethylmorpholine; or an ether group $-O-R_7^{IV}$, it being possible for R_7^{IV} to be a benzene ring, unsubstituted or

monosubstituted with a chlorine or fluorine atom or disubstituted with a chlorine atom and with a methyl group;

(e) a group $-CH=CHR_8^{IV}$, in which R_8^{IV} represents a cyclane ring-system such as cyclopropane, cyclobutane, cyclopentane, cyclohexane, norbomane or norbornene;

(f) a secondary amine group $-NH(CH_2)_{nIV}R_9^{IV}$, in which n_{IV} is a number between 1 and 5 and R_9^{IV} constitutes a cyclane ring-system such as cyclopropane, cyclobutane, cyclopentane, cyclohexane or norbornane, or a benzene ring, unsubstituted, mono-substituted with a fluorine or chlorine atom or with a methoxy group or trisubstituted with methoxy groups;

R^{IV} also represents a hydroxyalkenyl group



in which p_{IV} is a number between 2 and 9 and R_{10}^{IV}, represents a benzene ring or a phenoxy group; as well as a group

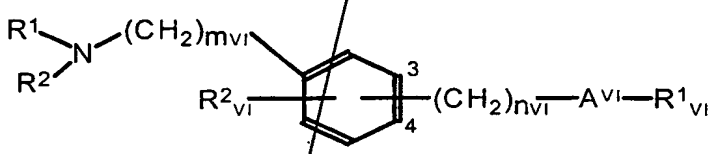
$$CSNH(CH_3)_{nIV}R_9^{IV}$$

in which n_{IV} is a number between 1 and 5 and R_9^{IV} has the meaning stated above.

44. Use according to claim 43, characterized in that R^{IV} represents the group COR_3^{IV}, R_3^{IV} representing especially an aliphatic group a).

45. Use according to ~~anyone of claims 43 and 44~~, which is N-Heptanoyl-1,4'-bipiperidine or 1-(5-Cyclohexylpentanoyl)-1,4-bipiperidine

46. Use according to ~~anyone of claims 1 to 15,~~ having the following formula (VI):



(VI)

wherein:

– A^{VI} is selected from $-O-CO-NR^1_{VI}-$, $-O-CO-$, $-NR^1_{VI}-CO-NR^1_{VI}-$, $-NR^1_{VI}-CO-$, $-NR^1_{VI}-$, $-O-$, $-CO-NR^1_{VI}-$, $-CO-O-$, and $-C(=NR^1_{VI})-NR^1_{VI}-$;

– the groups R^1_{VI}, which may be the same or different when there are two or three such groups in the molecule of formula VI, are selected

from hydrogen, and lower alkyl, aryl, cycloalkyl, heterocyclic and heterocyclyl-alkyl groups, and groups of the formula $-(CH_2)_{yVI}-G^{VI}$, where G^{VI} is selected from $CO_2R^3_{VI}$, COR^3_{VI}, $CONR^3_{VI}R^4_{VI}$, OR^3_{VI}, SR^3_{VI}, $NR^3_{VI}R^4_{VI}$, heteroaryl and phenyl, which phenyl is optionally substituted by halogen, lower alkoxy or polyhaloloweralkyl, and y_{VI} is an integer from 1 to 3;

– R^2_{VI} is selected from hydrogen and halogen atoms, and alkyl, alkenyl, alkynyl and trifluoromethyl groups, and groups of the formula OR^3_{VI}, SR^3_{VI} and $NR^3_{VI}R^4_{VI}$;

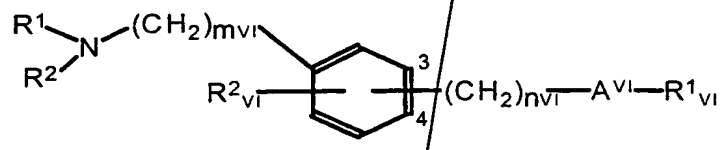
– R^3_{VI} and R^4_{VI} are independently selected from hydrogen, and lower alkyl and cycloalkyl groups, or R^3_{VI} and R^4_{VI} together with the intervening nitrogen atom can form a saturated ring containing 4 to 6 carbon atoms that can be substituted with one or two lower alkyl groups;

– the group $-(CH_2)_{nVI}-A^{VI}-R^1_{VI}$ is at the 3- or 4-position, and the group R^2_{VI} is at any free position;

– m_{VI} is an integer from 1 to 3;

– and n_{VI} is 0 or an integer from 1 to 3.

47. Use according to ~~anyone of claims 1 to 15,~~ having the following formula (VI):



(VI)

wherein R^1_{VI} is an aryl group, preferably a phenyl group optionally substituted with a keto-substituent, in particular a linear or branched chain aliphatic ketone comprising from 1 to 8 carbon atoms and optionnally bearing a hydroxyl group, a cycloalkylketone, an aryl alkyl ketone or arylalkenylketone in which the aryl group is optionally substituted, or a heteroaryl ketone, preferably a cycloalkylketone, R^2_{VI}, n_{VI}, m_{VI} and A^{VI} being as defined ~~in claim 46.~~

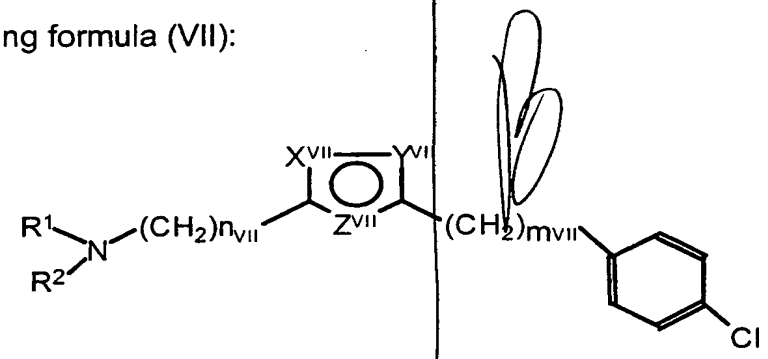
48. Use according to claim 46 ~~or 47,~~ characterized in that n_{VI} and m_{VI} are each 1, and A^{VI} represents an oxygen atom.

49. Use according to claim 46 ~~or 48,~~ characterized in that R^1_{VI} is an aryl or $-(CH_2)_{yVI}-G^{VI}$ with G^{VI} being a phenyl.

50. Use according to ~~anyone of claims 46 to 49,~~ with one of the following compounds:

- α-(4-Acetylphenoxy)-α'-piperidino p-xylol
- α-(4-Acetylphenoxy)-α'-(1-pyrrolidinyl) p-xylol
- α-(3-Phenylpropoxy)-α'-piperidino p-xylol
- α-(4-Acetylphenoxy)-α´-(4-methylpiperidino)p-xylol
- α-(4-Acetylphenoxy)-α´-(3,5-cis-dimethylpiperidino)p-xylol
- α-(4-Acetylphenoxy)-α´-(3,5-trans-dimethylpiperidino)p-xylol
- α-(4-Acetylphenoxy)-α´-(2-methylpyrrolidino)p-xylol
- α-(4-Cyclopropylcarbonylphenoxy)-α´-piperidino-p-xylol
- α-(4-Cyclopropylcarbonylphenoxy)-α´-(4-methylpiperidino) p-xylol
- α-(4-Cyclopropylcarbonylphenoxy)-α´-pyrrolidino-p-xylol
- N-(4-Chlorobenzyl)-2-(4-piperidinomethyl)phenyl) ethan amidine

51. Use according to ~~anyone of claims 1 to 15,~~ having the following formula (VII):



(VII)

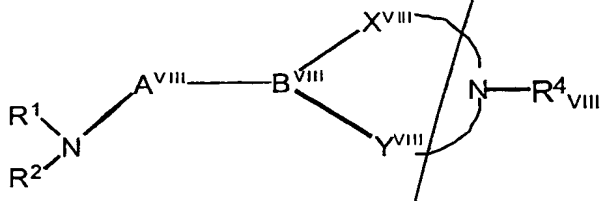
in which

- R^1 and R^2 are as defined in reference to formula (A) in claim 1;
- X^{VII}, Y^{VII} and Z^{VII} are identical or different and represent O, N or S;
- n_{VII} is varying from 1 to 3;
- m_{VII} is 1 or 2.

52. Use according to claim 51, characterized in that X^{VII} is 0 and Y^{VII} and Z^{VII} are each N to represent a 1, 2, 4-oxadiazolyl group.

53. Use according to claims 51 or 52 of a compound which is 3-(4-Chlorobenzyl)-5-(2-piperidinoethyl)-1,2,4-oxadiazole

54. Use according to ~~anyone of claims 1 to 15~~ of a compound having the following formula (VIII):



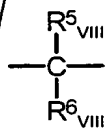
(VIII)

wherein R^1 and R^2 are as defined with reference to formula (A) in claim 1 and wherein

A^{VIII} is

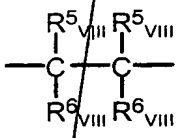
1) a group of the formula $(CH_2)_{mVIII}$, wherein m_{VIII} = 0-9; or

2) a group of the formula:



wherein R^5_{VIII} represents hydrogen, $(C_1\text{-}C_3)$alkyl-, aryl$(C_1\text{-}C_3)$alkyl-, aryl-, wherein aryl may optionally be substituted, hydroxyl-, $(C_1\text{-}C_3)$alkoxy-, halogen, amino-, cyano- or nitro; and R^6_{VIII} represents hydrogen, $(C_1\text{-}C_3)$alkyl-, aryl$(C_1\text{-}C_3)$alkyl-, or aryl-, wherein aryl may optionally be substituted; or

3) a group of the formula:

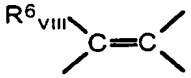


wherein R^5_{VIII} and R^6_{VIII} are as defined above; or

4) a group of the formula:

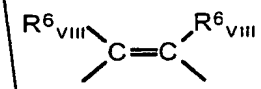
if B^{VIII} is a group of the formula:

such that A^{VIII} and B^{VIII} together form a group of the formula:



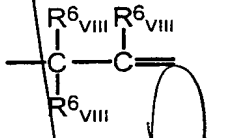
wherein R^6_{VIII} is as defined above; or

5) a group of the formula:

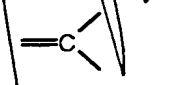


wherein R^6_{VIII} is as defined above; or

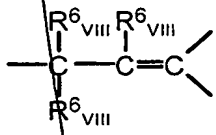
6) a group of the formula:



if B^{VIII} is a group of the formula:

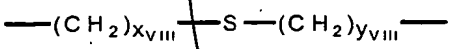


such that A^{VIII} and B^{VIII} together form a group of the formula:



wherein R^6_{VIII} is as defined above; or

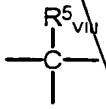
7) a group of the formula:



wherein $x_{VIII} + y_{VIII} = m_{VIII}-1$;

B^{VIII} is

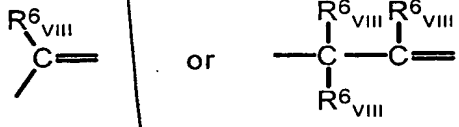
1) a group of the formula:



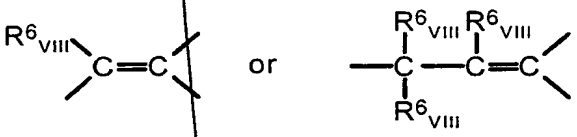
wherein R^5_{VIII} is as defined above; or

2) a group of the formula:

if A is a group of one of the formulas:

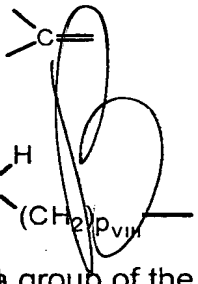


such that A and B together form a group of one of the formulas:



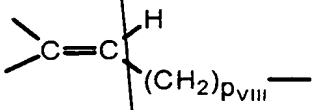
wherein R^6_{VIII} is as defined above; or

3) a group of the formula:



if X^{VIII} is a group of the formula:

such that B^{VIII} and X^{VIII} together form a group of the formula

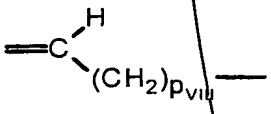


wherein p_{VIII} = 1-3; or

X^{VIII} is

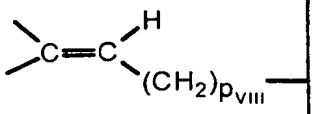
1) a group of the formula $(CH_2)_{nVIII}$ wherein n_{VIII} = 2-4; or

2) a group of the formula:



if B^{VIII} is a group of the formula:

such that X^{VIII} and B^{VIII} together form a group of the formula:



wherein p_{VIII} = 1-3; or

3) two hydrogens (one on the carbon and one on the nitrogen); or

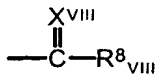
4) one hydrogen on the carbon atom and one R^7_{VIII} group on the nitrogen atom,

wherein R^7_{VIII} represents hydrogen, (C_1-C_{10})alkyl-, aryl (C_1-C_{10})alkyl-, or aryl, wherein aryl may optionally be substituted;

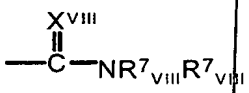
Y^{VIII} is a group of the formula $(CH_2)_{kVIII}$, wherein k_{VIII} = 0-2;

R^4_{VIII} represents hydrogen, (C_1-C_{10})alkyl-, (C_1-C_3)alkyl-sulfonamide-, aryl(C_1-C_{10})alkyl-, aryl, wherein aryl may optionally be substituted;

or a group of the formula:



or a group of the formula:



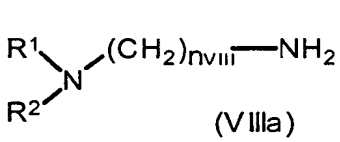
wherein X^{VIII} represents O, S, or NH,

R^7_{VIII} is as defined as above;

R^8_{VIII} represents (C_1-C_{10})alkyl-, aryl(C_1-C_{10})alkyl- or aryl,

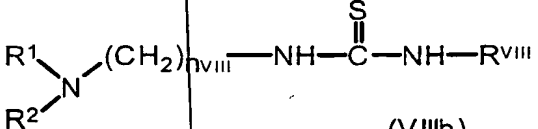
wherein aryl may optionally be substituted and wherein aryl is phenyl, substituted phenyl, naphtyl, substituted naphtyl, pyridyl;

55. Use according to claim 54 of a compound having the formula



(VIIIa)

or

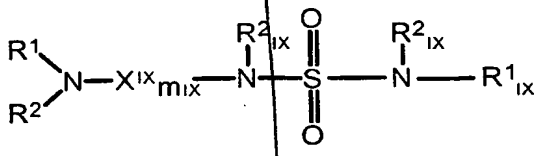


(VIIIb)

R^1 and R^2 having the meaning given in claim 1 and n_{VIII} and R^{VIII} having the meaning given in claim 54.

56. Use according to claim 54 ~~or 55~~ of a compound which is 2-Nitro-5-(6-piperidinohexyl)pyridine or 10-piperidinodecylamine.

57. Use according to ~~anyone of claims 1 to 15~~ of a compound having the following formula (IX):



(IX)

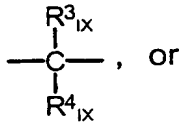
wherein:

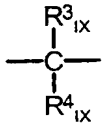
R^1 and R^2 are as defined with reference to formula (A) in claim 1.

R^1_{IX} is C_4 to C_{20} hydrocarbyl (in which one or more hydrogen atoms may be replaced by halogen, and up to four carbon atoms [and especially from 0 to 3 carbon atoms] may be replaced by oxygen, nitrogen or sulphur atoms, provided that R^1_{IX} does not contain an -O-O-group),

R^2_{IX} identical or different, are H or C_1 to C_{15} hydrocarbyl (in which one or more hydrogen atoms may be replaced by halogen, and up to three carbon atoms may be replaced by oxygen, nitrogen or sulphur atoms, provided that R^2_{IX} does not contain an -O-O-group.

m_{IX} is from 1 to 15 (preferably 1 to 10, more preferably 3 to 10, eg. 4 to 9)

each X^{IX} group is independently  , or one X^{IX} group is



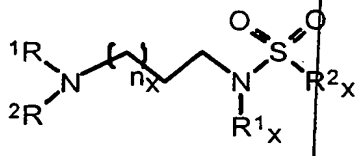
$-N(R^4_{IX})-$, -O- or -S- (provided that this X^{IX} group is not adjacent the $-NR^2_{IX}-$ group) and the remaining X^{IX} groups are independently

, wherein R^3_{IX} is H, C_1 to C_6 alkyl, C_2 to C_6 alkenyl,

$-CO_2R^5{}_{IX}$, $-CON(R^5{}_{IX})_2$, $-CR^5{}_{IX2}OR^6{}_{IX}$ or $-OR^5{}_{IX}$ (in which $R^5{}_{IX}$ and $R^6{}_{IX}$ are H or C_1 to C_3 alkyl), and $R^4{}_{IX}$ is H or C_1 to C_6 alkyl.

58. Use according to claim 57 of a compound which is N-(4-Bromobenzyl)-N'-(4-piperidinobutyl)sulphamide.

59. Use according to ~~anyone of claims 1 to 15~~ claim 1 of a compound having the following formula (X):



(X)

wherein:

– R^1 and R^2 are as defined with reference to formula (A) in claim 1;

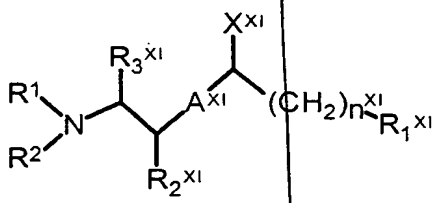
– $R^1{}_x$ is H or CH_3;

– R^2x is selected from a phenyl optionally substituted with a halogen atom, preferably chlorine, a $(C_1\text{-}C_4)$alkyl, a $(C_1\text{-}C_4)$alkoxy, CF_3, OCF_3, NO_2, NH_2; or a CH_2-phenyl optionally substituted as above-specified;

– n_x is from 0 to 3.

60. Use according to claim 59, of a compound which is 3-Chloro-N-(4-piperidinobutyl)-N-methyl-benzene sulphonamide.

61. Use according to ~~claims 1 to 15,~~ claim 1 having the following formula (XI):



(XI)

where R^1 and R^2 are as defined with reference to formula (A) in claim 1;

where A^{XI} is -NHCO-, $-N(CH_3)$-CO-, $-NHCH_2$-, $-N(CH_3)-CH_2$-, -CH=CH-, $-COCH_2$-, CH_2CH_2-, $-CH(OH)CH_2$-, or –C≡C– ;

X^{XI} is H, CH_3, NH_2, $NH(CH_3)$, $N(CH_3)_2$, OH, OCH_3, or SH;

R_2^{XI} is hydrogen or a methyl or ethyl group;

R_3^{XI} is hydrogen or a methyl or ethyl group;

n^{XI} is 0, 1, 2, 3, 4, 5 or 6; and

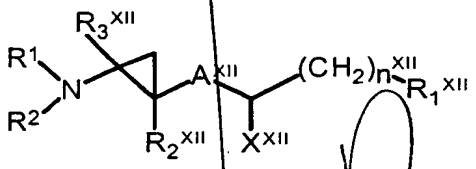
R_1^{XI} is selected from the group consisting of C_3 to C_8 cycloalkyl; phenyl or substituted phenyl; decahydronaphthalene and octahydroindene; or

R_1^{XI} and X^{XI} may be taken together to denote a 5,6- or 6,6-saturated bicyclic ring structure when X^{XI} is NH, O, S, or SO_2.

62. Use according to claim 61, characterized in that it is one of the following compounds :

- *cis*-1-(6-Cyclohexyl-3-hexen-1-yl)piperidine
- *trans*-1-(6-Cyclohexyl-3-hexen-1-yl)piperidine
- 1-(6-Cyclohexyl-3-hexin-1-yl)piperidine

63. Use according to ~~claim 1 to 15,~~ having the following formula (XII):



(XII)

where R^1 and R^2 are as defined in reference to formula (A) in claim 1;

where R_2^{XII} is a hydrogen or a methyl or ethyl group;

R_3^{XII} is a hydrogen or a methyl or ethyl group;

n^{XII} is 0, 1, 2, 3, 4, 5, or 6; and

R_1^{XII} is selected from the group consisting of C_3 to C_8 cycloalkyl; phenyl substituted or not by one or more groups such as a halogen atom, a lower alkyl or cycloalkyl, a trifluoromethyl, aryl, alkoxy, α-alkyloxyalkyl, aryloxy, nitro, formyl, alkanoyl, aroyl, arylalkanoyl, amino, carboxamido, cyano, alkyloximino, alkylalkoximino, aryloximino, α-hydroxyalkyl, alkenyl, alkynyl, sulphamido, sulfamoyl, sulphonamido, carboxamide, carbocycloalkyl, alkylcarbnyloalkyl, carbonylalkoxy, arylalkyl or oxime group, or two substituants taken together with the carbon atoms of the phenyl ring to which it is fused form 5- or 6-membered saturated or unsaturated ring or a benzene ring or alkyl; heterocyclic; decahydronaphthalene; and octahydroindene;

with the provisos that

when X^{XII} is H, A^{XII} can be $-CH_2CH_2-$, $-COCH_2-$, $-CONH-$, $-CON(CH_3)-$, $-CH=CH-$, $-C\equiv C-$, $-CH_2-NH-$, $-CH_2-N(CH_3)-$, $-CH(OH)CH_2-$, $-NH-CH_2-$, $-N(CH_3)-CH_2-$, $-CH_2O-$, $-CH_2S-$, or $-NHCOO-$;

when X^{XII} is NH_2, $NH(CH_3)$, $N(CH_3)_2$, OH, OCH_3, CH_3, SH or SCH_3; A^{XII} can be $-NHCO-$, $-N(CH_3)-CO-$, $-NHCH_2-$, $-N(CH_3)-CH_2-$, $-CH=CH-$, $-COCH_2-$, $-CH_2CH_2-$, $-CH(OH)CH_2-$, or $-C\equiv C-$; and

when R_1^{XII} and X^{XII} taken together denote a 5,6 or 6,6 saturated bicyclic ring structure X^{XII} can be NH, O, or S.

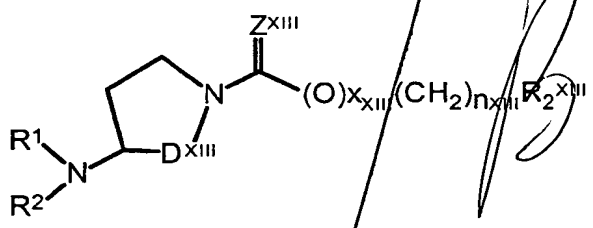
64. Use according to claim 63, characterized in that, A^{XII} is $-CH=CH-$ or $-C\equiv C-$.

65. Use according to ~~claims 63 to 64~~, characterized in that R_2^{XII}, R_3^{XII} are each hydrogen atom.

66. Use according to ~~anyone of claims 63 to 65~~, characterized in that n_{XII} is an alkyl group.

67. Use according ~~anyone of claims 63 to 66~~, of a compound which is 1-(2-(5,5-Dimethyl-1-hexin-1-yl)cyclopropyl)piperidine.

68. Use according to ~~anyone of claims 1 to 15~~ having the following formula (XIII):



(XIII)

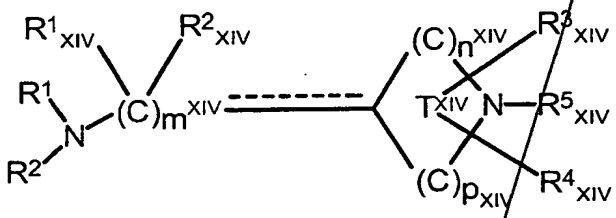
wherein R^1 and R^2 are as defined with reference to formula (A) in claim 1.

wherein D^{XIII} is CH_2 or CH_2-CH_2, Z^{XIII} represents sulfur (S) or oxygen (O), preferably O, X_{XIII} is 0 or 1, n_{XIII} is an integer from 0 to 6,

and R_2^{XIII} represents a substituted or unsubstituted linear chain or branched chain alkyl group of up to about 20 carbon atoms, a substituted or unsubstituted carbocyclic group of up to about 20 carbon atoms including mono and bicyclic moieties, and a substituted or an unsubstituted aryl group of up to about 20 carbon atoms, or any combination of above-mentioned groups, or salts thereof.

69. Use according to claim 68, of a compound which is *N* -heptanoyl-1,4'-bipiperidine or 1-(5-Cyclohexylpentanoyl)-1,4' -bipiperidine.

70. Use according to anyone of claims 1 to 15, having the following formula (XIV)



(XIV)

wherein R^1 and R^2 are as defined in reference of formula (A) in claim 1;

(A) m_{XIV} is an integer selected from the group consisting of: 1 and 2;

(B) n_{XIV} and p_{XIV} are intergers and are each independently selected from the group consisting of: 0, 1, 2, 3, and 4 such that the sum of n_{XIV} and p_{XIV} is 4 and T^{XIV} is a 6-membered ring;

(C) R^3_{XIV} and R^4_{XIV} are each independently bound to the same or different carbon atom of ring T^{XIV}, such that there is only one R^3_{XIV} group and one R^4_{XIV} group in ring T^{XIV}, and each R^1_{XIV}, R^2_{XIV}, R^3_{XIV} and R^4 is independently selected from the group consisting of:

(1) H;

(2) C_1 to C_6 alkyl; and

(3) $-(CH_2)_{qXIV}-R^6_{XIV}$ wherein q_{XIV} is an integer of: 1 to 7, and R^6_{XIV} is selected from the group consisting of: phenyl, substituted phenyl, $-OR^7_{XIV}$, $-C(O)OR^7_{XIV}$, $-C(O)R^7_{XIV}$, $-OC(O)R^7_{XIV}$, $-C(O)NR^7_{XIV}R^8_{XIV}$, CN and $-SR^7_{XIV}$ wherein R^7_{XIV} and R^8_{XIV} are as defined below, and wherein the substituents on said substituted phenyl are each independently selected from the group consisting of: -OH, -O-(C_1 to C_6)alkyl, halogen, C_1 to C_6 alkyl, $-CF_3$, -CN, and $-NO_2$, and wherein said substituted phenyl contains from 1 to 3 substituents;

(D) R^5_{XIV} is selected from the group consisting of:

(1) H;

(2) C_1 to C_{20} alkyl;

(3) C_3 to C_6 cycloalkyl;

(4) $-C(O)OR^{7'}_{XIV}$; wherein $R^{7'}_{XIV}$ is the same as R^7_{XIV} defined below except that $R^{7'}_{XIV}$ is not H;

(5) $-C(O)R^7_{XIV}$;

(6) $-C(O)NR^7_{XIV}R^8_{XIV}$;

(7) allyl;

(8) propargyl; and

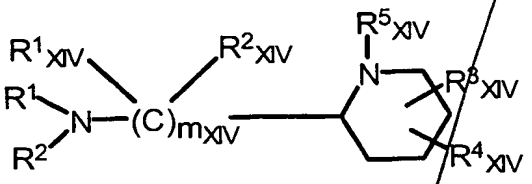
(9) $-(CH_2)_q-R^6_{XIV}$ wherein q_{XIV} and R^6_{XIV} are as defined above, and when q_{XIV} is equal to 1, then R^6_{XIV} is not OH or SH;

(E) R^7_{XIV} and R^8_{XIV} are each independently selected from the group consisting of: H, C_1 to C_6 alkyl, and C_3 to C_6 cycloalkyl;

(F) the dotted line (--------) represents a double bond that is optionally present when m_{XIV} is 1, and n_{XIV} is not 0, and p is not 0 (i.e., the nitrogen in the ring is not bound directly to the carbon atom bearing the double bond), and when said double bond is present then R^2_{XIV} is absent; and

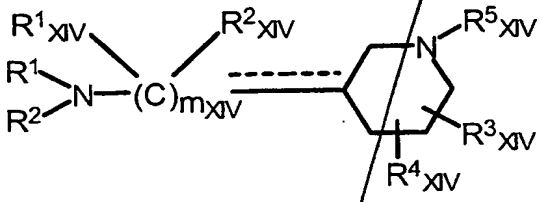
(G) when m_{XIV} is 2, each R^1_{XIV} is the same or different substituent for each m_{XIV}, and each R^2_{XIV} is the same or different substituent for each m_{XIV}, and at least two of the substituents R^1_{XIV} and/or R^2_{XIV} are H.

71. Use according to claim 70, of a compound which is selected from compounds having the following formula (XIVa), (XIVb) or (XIVc)



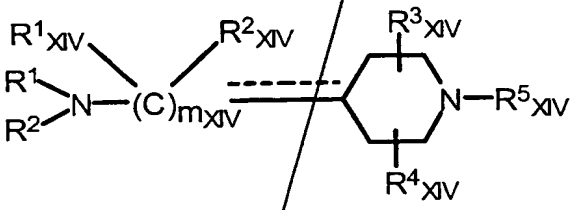
(XIVa)

;



(XIVb)

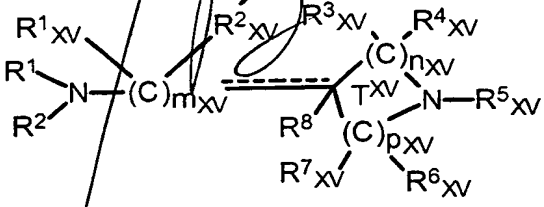
; and



(XIVc)

in which R^5_{XIV} is preferably H or CH_3 and R^3_{XIV} and R^4_{XIV} are preferably each H.

72. Use according to ~~anyone of claims 1 to 15~~, of a compound having the following formula (XV):



(XV)

where R^1 and R^2 are as defined in reference to formula (A) in claim 1;

(A) m_{XV} is an integer selected from the group consisting of: 0,1, and 2;

(B) n_{XV} and p_{XV} are intergers and are each independently selected from the group consisting of: 0, 1, 2, and 3 such that the sum of n_{XV} and p_{XV} is 2 or 3 such that when the sum of n_{XV} and p_{XV} is 2, T^{XV} is a 4-membered ring and when the sum of n and p_{XV} is 3, T^{XV} is a 5-membered ring;

(C) each R^1_{XV}, R^2_{XV}, R^3_{XV}, R^4_{XV}, R^6_{XV}, R^7_{XV} and R^8_{XV} is independently selected from the group consisting of:

(1) H;

(2) C_1 to C_6 alkyl;

(3) C_3 to C_6 cycloalkyl; and

(4) $-(CH_2)_{qXV}-R^9_{XV}$ wherein q_{XV} is an integer of: 1 to 7, and R^9_{XV} is selected from the group consisting of: phenyl, substituted phenyl, $-OR^{10}_{XV}$, $-C(O)OR^{10}_{XV}$, $-C(O)R^{10}_{XV}$, $-OC(O)R^{10}_{XV}$, $-C(O)NR^{10}_{XV}R^{11}_{XV}$, CN and $-SR^{10}_{XV}$ wherein R^{10}_{XV} and R^{11}_{XV} are as defined below, and wherein the substituents on said substituted phenyl are each independently selected from the group consisting of: -OH, -O-(C_1 to C_6) alkyl, halogen, C_1 to C_6 alkyl, $-CF_3$, -CN, and $-NO_2$, and wherein said substituted phenyl contains from 1 to 3 substituents; examples of $-(CH_2)_{qXV}-R^9_{XV}$ include benzyl, substituted benzyl and the like, wherein the substitutents on the substituted benzyl are as defined above for said substituted phenyl;

(D) R^5_{XV} is selected from the group consisting of:

(1) H;

(2) C_1 to C_{20} alkyl;

(3) C_3 to C_6 cycloalkyl;

(4) $-C(O)OR^{10'}_{XV}$; wherein $R^{10'}_{XV}$ is the same as R^{10}_{XV} defined below except that $R^{10'}_{XV}$ is not H;

(5) $-C(O)R^{10}_{XV}$;

(6) $-C(O)NR^{10}_{XV}R^{11}_{XV}$;

(7) allyl;

(8) propargyl; and

(9) $-(CH_2)_{qXV}-R^9_{XV}$, wherein q_{XV} and R^9_{XV} are as defined above with the proviso that when q_{XV} is 1 then R^9_{XV} is not -OH or -SH;

(E) R^{10}_{XV} and R^{11}_{XV} are each independently selected from the group consisting of: H, C_1 to C_6 alkyl, and C_3 to C_6 cycloalkyl; and, for the substituent $-C(O)NR^{10}_{XV}R^{11}$, R^{10}_{XV} and R^{11}_{XV}, together with the

nitrogen to which they are bound, can form a ring having 5, 6, or 7 atoms;

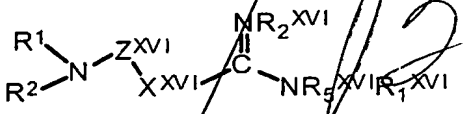
(F) the dotted line (-----) represents a double bond that is optionally present when m_{XV} is 1, and T^{XV} is a 5-membered ring, and n_{XV} is not 0, and p_{XV} is not 0 (i.e., the nitrogen in the ring is not bound directly to the carbon atom bearing the double bond), and when said double bond is present then $R^2{}_{XV}$ and $R^8{}_{XV}$ are absent;

(G) when m_{XV} is 2, each $R^1{}_{XV}$ is the same or different substituent for each m_{XV}, and each $R^2{}_{XV}$ is the same or different substituent for each m_{XV};

(H) when n_{XV} is 2 or 3, each $R^3{}_{XV}$ is the same or different substituent for each n_{XV}, and each $R^4{}_{XV}$ is the same or different substituent for each n_{XV}; and

(I) when p_{XV} is 2 or 3, each $R^6{}_{XV}$ is the same or different substituent for each p, and each $R^7{}_{XV}$ is the same or different substituent for each p_{XV}.

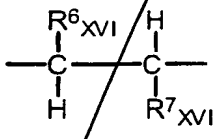
73. Use according to ~~anyone of claims 1 to 15,~~ of a compound having the following formula (XVI)



(XVI)

where R^1 and R^2 are as defined in reference to formula (A) in claim 1;

Z^{XVI} is a group of the formula $(CH_2)_{mXVI}$ wherein m_{XVI} = 1-5 or a group of the formula:



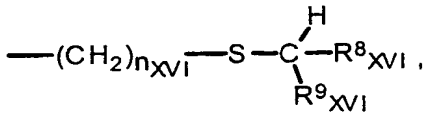
, wherein $R^6{}_{XVI}$ = $(C_1$-$C_3)$alkyl

$R^7{}_{XVI}$ = $(C_1$-$C_3)$alkyl ;

wherein Z^{XVI} may optionally comprise other substituents selected such that the activity of the derivative is not negatively affected,

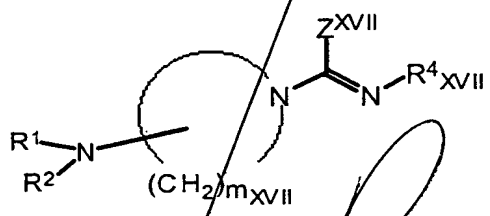
X^{XVI} represents S, NH or CH_2

$R^1{}_{XVI}$ represents hydrogen, (C_1-C_3)alkyl-, aryl(C_1-C_{10})alkyl, wherein aryl may optionally be substituted, aryl, (C_5-C_7)cycloalkyl(C_1-C_{10})alkyl-, or a group of the formula:



wherein n_{XVI} = 1-4, $R^8{}_{XVI}$ is aryl, aryl(C_1-C_{10})alkyl-, (C_5-C_7)cycloalkyl- or (C_5-C_7) cycloalkyl(C_1-C_{10})alkyl-, and $R^9{}_{XVI}$ is hydrogen, (C_1-C_{10})alkyl-or aryl; $R_2{}^{XVI}$ and $R_5{}^{XVI}$ represent hydrogen, (C_1-C_3)alkyl-, aryl or arylalkyl-, wherein aryl may optionally be substituted; wherein aryl is phenyl, substituted phenyl, naphthyl, substituted napththyl, pyridyl or substituted pyridyl.

74. Use according to ~~anyone of claims 1 to 15,~~ of a compound having the following formula (XVII):

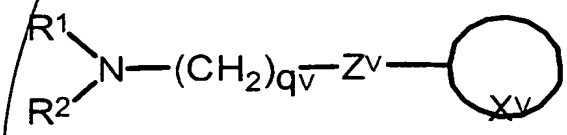


XVII

wherein m_{XVII} represents an integer of from 4 to 6.

$R^4{}_{XVII}$ represents a hydrogen atom, a linear or branched alkyl group, a cycloalkyl group, a cycloalkylalkyl group, a substituted or unsubstituted aryl group or a substituted or unsubstituted aralkyl group; and Z^{XVII} represents $R^5{}_{XVII}$ or A^{XVII}-$R^6{}_{XVII}$, wherein A^{XVII} represents S or O, $R_5{}^{XVII}$ represents a hydrogen atom, a lower alkyl group, a substituted or unsubstituted aryl group or a substituted or unsubstituted aralkyl group, and $R_6{}^{XVII}$ represents a lower alkyl group, a lower alkenyl group, a lower alkynyl group or a substituted or unsubstituted aralkyl group.

75. Use according to ~~anyone of claims 1 to 15,~~ of a compound having the following formula (V) :

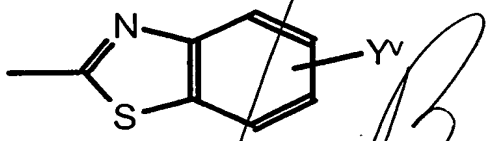


(V)

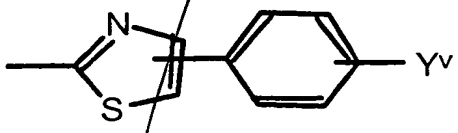
in which

- R^1 and R^2 are as defined with reference to formula (A) in claim 1;
- q^V is 2 to 5
- Z^V represents NH, O or S
- X_V represents a heterocycle, optionally condensed, containing one or more heteroatoms like nitrogen, oxygen or sulfur, unsubstituted or substituted by one or more groups like aryl or lower alkyl and halogen.

76. Use according to claim 75 wherein X^V means an heterocycle like :

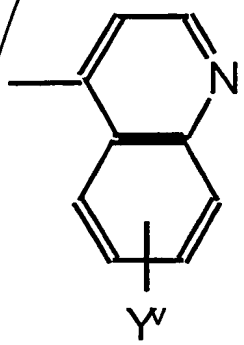


(Va)



(Vb)

or



(Vc)

with Y^V being an hydrogen atom, a halogen or a lower alkyl.

77. Use according to claims 75 ~~or 76~~ with one of the following compounds :

2-((2-Piperidinoethyl)amino)benzothiazole
2-(6-Piperidinohexylamino)benzothiazole
4-(6-Piperidinohexylamino)quinoline
2-Methyl 4-(3-piperidinopropylamino)quinoline
2-Methyl 4-(6-piperidinohexylamino)quinoline
7-Chloro-4-(3-piperidinopropylamino)quinoline
7-Chloro-4-(4-piperidinobutylamino)quinoline
7-Chloro-4-(8-piperidinooctylamino)quinoline
7-Chloro-4-(10-piperidinodecylamino)quinoline
7-Chloro-4-(12-piperidinododecylamino)quinoline
7-Chloro-4-(4-(3-piperidinopropoxy)phenylamino)quinoline
7-Chloro-4-(2-(4-(3-piperidinopropoxy) phenyl) ethylamino) quinoline

78. Use according to claim 1 with at least one of the following compounds :

1-(5-phenoxypentyl)-piperidine
1-(5-phenoxypentyl)-pyrrolidine
N-methyl-N-(5-phenoxypentyl)-ethylamine
1-(5-phenoxypentyl)-morpholine
N-(5-phenoxypentyl)-hexamethyleneimine
N-ethyl-N-(5-phenoxypentyl)-propylamine
1-(5-phenoxypentyl)-2-methyl-piperidine
1-(5-phenoxypentyl)-4-propyl-piperidine
1-(5-phenoxypentyl)-4-methyl-piperidine
1-(5-phenoxypentyl)-3-methyl-piperidine
1-acetyl-4-(5-phenoxypentyl)-piperazine
1-(5-phenoxypentyl)-3,5-trans-dimethyl-piperidine
1-(5-phenoxypentyl)-3,5-cis-dimethyl-piperidine
1-(5-phenoxypentyl)-2,6-cis-dimethyl-piperidine
4-carboethoxy-1-(5-phenoxypentyl)-piperidine
3-carboethoxy-1-(5-phenoxypentyl)-piperidine
1-[3-(4-cyclopropylcarbonylphenoxy) propyl]-piperidine
1-[3-(4-acetylphenoxy)-2-R-methylpropyl] piperidine

1-[3-(4-cyanophenoxy)propyl]-4-methylpiperidine
1-[3-(4-cyanophenoxy)propyl]-3-methylpiperidine
1-[3-(4-acetylphenoxy)-2-S-methylpropyl] piperidine
1-{3-[4-(3-oxobutyl)phenoxy] propyl}piperidine
1-[3-(4-cyano-3-fluorophenoxy)propyl] piperidine
1-[3-(4-nitrophenoxy)propyl]-3-methylpiperidine
1-[3-(4-cyanophenoxy)propyl]-2-methylpiperidine
1-[3-(4-nitrophenoxy)propyl]-2-methylpiperidine
1-[3-(4-nitrophenoxy)propyl]-4-methylpiperidine
1-[3-(4-cyanophenoxy)propyl]-2,6-dimethylpiperidine
1-[3-(4-propionylphenoxy)propyl]-3-methylpiperidine
1-[3-(4-cyclobutylcarbonylphenoxy)propyl] piperidine
1-[3-(4-cyclopentylcarbonylphenoxy) propyl]piperidine
1-[3-(4-cyanophenoxy)propyl]-cis-2-methyl-5-ethylpiperidine
1-[3-(4-cyanophenoxy)propyl]-trans-2-methyl-5-ethylpiperidine
1-[3-(4-cyanophenoxy)propyl]-cis-3,5-dimethylpiperidine
1-[3-(4-propionylphenoxy)propyl]-4-methylpiperidine
1-[3-(4-propionylphenoxy)propyl]-2-methylpiperidine
1-{3-[4-(1-hydroxypropyl)phenoxy]propyl}-3-methylpiperidine
1-{3-[4-(1-hydroxypropyl)phenoxy]propyl}-4-methylpiperidine
1-[3-(4-propionylphenoxy)propyl]-2-methylpiperidine
1-[3-(4-propionylphenoxy)propyl]-4-methylpiperidine methoxime
1-[3-(4-cyanophenoxy)propyl]-trans-3,5-dimethylpiperidine
1-[3-(4-cyclopropylcarbonylphenoxy) propyl] -trans-3,5 –dimethyl piperidine
1-[3-(4-cyclopropylcarbonylphenoxy) propyl] -cis-3,5 –dimethyl piperidine
1-[3-(4-carbomethoxyphenoxy)propyl] piperidine
1-[3-(4-propenylphenoxy)propyl]-2-methyl piperidine
1-[3-(4-propionylphenoxy)propyl]-2-methylpiperidine
1-{3-[4-(1-ethoxypropyl)phenoxy]propyl}-2-methyl piperidine
1-[3-(4-propionylphenoxy)propyl]-4-methylpiperidine
1-[3-(4-bromophenoxy)propyl]piperidine

1-[3-(4-nitrophenoxy)propyl]piperidine
1-[3-(4-N,N-dimethylsulfonamidophenoxy) propyl]piperidine
1-[3-(4-isopropylphenoxy)propyl]piperidine
1-[3-(4-sec-butylphenoxy)propyl]piperidine
1-[3-(4-propylphenoxy)propyl]piperidine
1-[3-(4-ethylphenoxy)propyl]piperidine
1-(5-phenoxypentyl)-1,2,3,6-tetrahydropyridine
1-[5-(4-nitrophenoxy)-pentyl]-pyrrolidine
1-[5-(4-chlorophenoxy)-pentyl]-pyrrolidine
1-[5-(4-methoxyphenoxy)-pentyl]-pyrrolidine
1-[5-(4-methylphenoxy)-pentyl]-pyrrolidine
1-[5-(4-cyanophenoxy)-pentyl]-pyrrolidine
1-[5-(2-naphthyloxy)-pentyl]-pyrrolidine
1-[5-(1-naphthyloxy)-pentyl]-pyrrolidine
1-[5-(3-chlorophenoxy)-pentyl]-pyrrolidine
1-[5-(4-phenylphenoxy)-pentyl]-pyrrolidine
1-{5-[2-(5,6,7,8-tetrahydronaphthyl)-oxy]-pentyl}-pyrrolidine
1-[5-(3-phenylphenoxy)-pentyl]-pyrrolidine
1-(5-phenoxypentyl)-2,5-dihydropyrrole
1-{5-[1-(5,6,7,8-tetrahydronaphthyl)-oxy]-pentyl}-pyrrolidine
1-(4-phenoxybutyl)-pyrrolidine
1-(6-phenoxyhexyl)-pyrrolidine
1-(5-phenylthiopentyl)-pyrrolidine
1-(4-phenylthiobutyl)-pyrrolidine
1-(3-phenoxypropyl)-pyrrolidine
1-[5-(3-nitrophenoxy)-pentyl]-pyrrolidine
1-[5-(4-fluorophenoxy)-pentyl]-pyrrolidine
1-[5-(4-nitrophenoxy)-pentyl]-3-methyl-piperidine
1-[5-(4-acetylphenoxy)-pentyl]-pyrrolidine
1-[5-(4-aminophenoxy)-pentyl]-pyrrolidine
1-[5-(3-cyanophenoxy)-pentyl]-pyrrolidine
N-[3-(4-nitrophenoxy)-propyl]-diethylamine
N-[3-(4-cyanophenoxy)-propyl]-diethylamine

1-[5-(4-benzoylphenoxy)-pentyl]-pyrrolidine
1-{5-[4-(phenylacetyl)-phenoxy]-pentyl}-pyrrolidine
N-[3-(4-acetylphenoxy)-propyl]-diethylamine
1-[5-(4-acetamidophenoxy)-pentyl]-pyrrolidine
1-[5-(4-phenoxyphenoxy)-pentyl]-pyrrolidine
1-[5-(4-N-benzamidophenoxy)-pentyl]-pyrrolidine
1-{5-[4-(1-hydroxyethyl)-phenoxy]-pentyl}-pyrrolidine
1-[5-(4-cyanophenoxy)-pentyl]-diethylamine
1-[5-(4-cyanophenoxy)-pentyl]-piperidine
N-[5-(4-cyanophenoxy)-pentyl]-dimethylamine
N-[2-(4-cyanophenoxy)-ethyl]-diethylamine
N-[3-(4-cyanophenoxy)-propyl]-dimethylamine
N-[4-(4-cyanophenoxy)-butyl]-diethylamine
N-[5-(4-cyanophenoxy)-pentyl]-dipropylamine
1-[3-(4-cyanophenoxy)-propyl]-pyrrolidine
1-[3-(4-cyanophenoxy)-propyl]-piperidine
N-[3-(4-cyanophenoxy)-propyl]-hexamethyleneimine
N-[6-(4-cyanophenoxy)-hexyl]-diethylamine
N-[3-(4-cyanophenoxy)-propyl]-dipropylamine
N-3-[4-(1-hydroxyethyl)-phenoxy]-propyl-diethylamine
4-(3-diethylaminopropoxy)-acetophenone-oxime
1-[3-(4-acetylphenoxy)-propyl]-piperidine
1-[3-(4-acetylphenoxy)-propyl]-3-methyl-piperidine
1-[3-(4-acetylphenoxy)-propyl]-3,5-trans-dimethyl-piperidine
1-[3-(4-acetylphenoxy)-propyl]-4-methyl-piperidine
1-[3-(4-propionylphenoxy)-propyl]-piperidine
1-[3-(4-acetylphenoxy)-propyl]-3,5-cis-dimethyl-piperidine
1-[3-(4-formylphenoxy)-propyl]-piperidine
1-[3-(4-isobutyrylphenoxy)-propyl]-piperidine
N-[3-(4-propionylphenoxy)-propyl]-diethylamine
1-[3-(4-butyrylphenoxy)-propyl]-piperidine
1-[3-(4-acetylphenoxy)-propyl]-1,2,3,6-tetrahydropyridine
α-(4-Acetylphenoxy)-α´-(4-methylpiperidino)p-xylol

α-(4-Acetylphenoxy)-α′-(3,5-*cis*-dimethylpiperidino)p-xylol

α-(4-Acetylphenoxy)-α′-(3,5-*trans*-dimethylpiperidino)p-xylol

α-(4-Acetylphenoxy)-α′-(2-methylpyrrolidino)p-xylol

α-(4-Cyclopropylcarbonylphenoxy)-α′-piperidino-p-xylol

α-(4-Cyclopropylcarbonylphenoxy)-α′-(4-methylpiperidino)p-xylol

α-(4-Cyclopropylcarbonylphenoxy)-α′-pyrrolidino-p-xylol

3-Phenylpropyl 3-(4-methylpiperidino)propyl ether

3-Phenylpropyl 3-(3,5-*cis*-dimethylpiperidino)propyl ether

3-Phenylpropyl 3-(3,5-*trans*-dimethylpiperidino)propyl ether

3-Phenylpropyl 3-(3-methylpiperidino)propyl ether

3-Phenylpropyl 3-pyrrolidinopropyl ether

3-(4-Chlorophenyl)propyl 3-(4-methylpiperidino)propyl ether

3-(4-Chlorophenyl)propyl 3-(3,5-*cis*-dimethylpiperidino)propyl ether

3-(4-Chlorophenyl)propyl3-(3,5-*trans*-dimethylpiperidino)propyl ether

4-(6-Piperidinohexylamino)quinoline

2-Methyl 4-(3-piperidinopropylamino)quinoline

2-Methyl 4-(6-piperidinohexylamino)quinoline

7-Chloro-4-(3-piperidinopropylamino)quinoline

7-Chloro-4-(4-piperidinobutylamino)quinoline

7-Chloro-4-(8-piperidinooctylamino)quinoline

7-Chloro-4-(10-piperidinodecylamino)quinoline

7-Chloro-4-(12-piperidinododecylamino)quinoline

7-Chloro-4-(4-(3-piperidinopropoxy)phenylamino)quinoline

7-Chloro-4-(2-(4-(3-piperidinopropoxy)phenyl)ethylamino)quinoline

4-(6-Piperidinohexanoyl)phenyl 3-piperidinopropyl ether

5-Nitro-2-(5-piperidinopentylamino)pyridine

3-Nitro-2-(6-piperidinopentylamino)pyridine

5-Amino-2-(6-piperidinopentylamino)pyridine

2-(6-Piperidinohexylamino)quinoline

N-(4-Chlorobenzyl)-*N*′-cyclohexyl-3-piperidinopropyl isothiourea

2-(6-Piperidinohexylamino)benzothiazole

10-Piperidinodecylamine

3-Phenylpropyl 3-(*N,N*-diethylamino)propyl ether
N-(3-(N,N-Diethylamino)propyl)N'-phenylurea
N-Cyclohexylmethyl-N'-(3-piperidinopropyl)guanidine
N-(4-Bromobenzyl)-N'-(4-piperidinobutyl)sulphamide
3-Chloro-N-(4-piperidinobutyl)-N-methyl-benzene sulphonamide
N-(4-Chlorobenzyl)-2-(4-piperidinomethyl) phenyl) ethan amidine
1-(5-Cyclohexylpentanoyl)-1,4-bipiperidine
cis-1-(6-Cyclohexyl-3-hexen-1-yl)piperidine
trans-1-(6-Cyclohexyl-3-hexen-1-yl)piperidine
1-(2-(5,5-Dimethyl-1-hexin-1-yl)cyclopropyl)piperidine

for the preparation of a medicament acting as a ligand of the histamine H_3-receptors.

79. Pharmaceutical composition characterized in that it comprises as active ingredient, a therapeutically effective amount of a compound according to ~~anyone of claim 1 to 78~~ in combination with a pharmaceutically acceptable vehicle or excipient.

80. Medicament acting as an antagonist and/or agonist of the histamine H_3-receptors, characterized in that it comprises as active ingredient, an effective amount of a compound according to ~~anyone of claims 1 to 78.~~

81. Medicament according to ~~anyone of claims 1 to 78,~~ for the treatment of central nervous system disorders, in particular Alzheimer disease, mood and attention alterations, cognitive deficits in psychiatric pathologies, obesity, vertigo and motion sickness.

82. Medicament according to ~~anyone of claims 1 to 78, having~~ psychotropic effects, promoting wakefulness, attention, memory and improving mood, intended to be used in particular in the treatment of Alzheimer disease and other cognitive disorders in aged persons, depressive or asthenic states.

83. Medicament according to ~~anyone of claims 1 to 78,~~ having nootropic effects, intended to be used in particular in treatment to stimulate attention and memorization capacity.

84. Medicament according to ~~anyone of claims 1 to 78,~~ for the treatment of obesity, vertigo and motion sickness.

85. Medicament according to ~~anyone of claims 1 to 78,~~ for the treatment of CNS disorders, in particular of aged persons.

86. Medicament, acting as an histamine H_3-receptor agonist or partial agonist characterized in that it comprises as active ingredient, an effective amount of a compound according to ~~anyone of claims 1 to 78.~~

87. Medicament according to ~~anyone of~~ claims 1 ~~to 78~~ for exerting sedative, tranquillizing, anti-stress, analgesic and antimigraine activity, and for treating psychosomatic disorders, respiratory, allergic and rheumatic conditions of inflammatory conditions of the eye, urogenital system, digestive tract, skin, respiratory system and bronchi.

88. Medicament according to ~~anyone of claims 1 to 78 and 87~~ for the treatment of asthma, bronchitis, rhinitis, tracheitis, myocardial dysfunctions and infarctions, gastric or duodenal ulcers, ulcerative colitis, Crohn's disease, irritable bowel syndrome, cystitis, metritis, urinary and faecal incontinence, urticaria, itching, arthritis, conjunctivitis and premenstrual syndrome.